

### REMARKS

Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Substitute Sequence Listing, file “2007-01-26 0230-0238PUS1.txt”, is identical to the paper copy, except that it lacks formatting. **In no way do the paper copy nor the disk copy of the Substitute Sequence Listing introduce new matter into the specification.**

The specification is amended to reference each nucleotide sequence with a corresponding SEQ ID NO. The sequence listing is amended to correct typographical errors. Specifically, SEQ ID NOS: 91, 96, 139, and 140 are amended to properly correspond to the nucleotide sequences shown in the specification at pages 79 and 87. The specification has also been amended to include a reference to the color drawing(s) submitted with this application. **No new matter is introduced by these amendments.**

Pursuant to 37 C.F.R. §§ 1.17 and 1.136(a), Applicant(s) respectfully petition(s) for a one (1) month extension of time for filing a reply in connection with the present application, and the required fee is attached hereto.

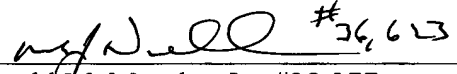
**CONCLUSION**

If the Examiner has any questions or comments, please contact Thomas J. Siepmann, Ph.D., Registration No 57,374, at the offices of Birch, Stewart, Kolasch & Birch, LLP.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

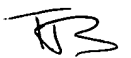
By  #36,613  
Gerald M. Murphy, Jr., #28,977

GMM/TJS/jg  
0230-0238PUS1

P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments:

- Disk Copy of Substitute Sequence Listing
- Paper Copy of Substitute Sequence Listing
- Copy of Notification of Missing Requirements
- Extension of time payment



**AMENDMENTS TO THE SEQUENCE LISTING**

**IN THE SEQUENCE LISTING**

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.